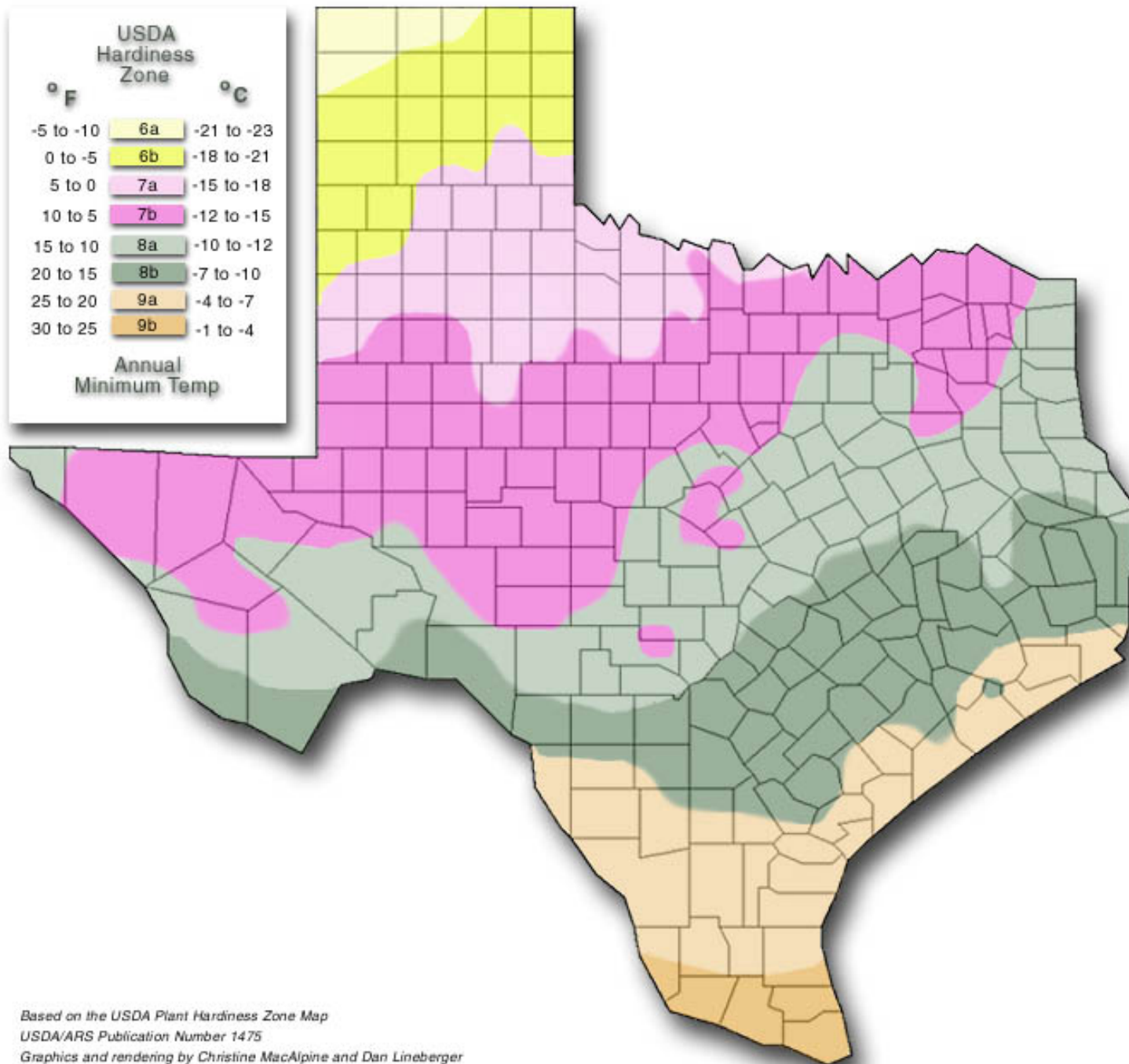


GROUND COVER

Dividing and Grouping Plants Together Based on Water Use Zones



- **Low water-use** –Area that features native and drought-tolerant plant varieties to be watered only as needed
- **Medium water-use** –This area usually features low to moderate water use plants which require supplemental watering once a week or less
- **High water-use** –An area that includes more lush vegetation and any turf or lawn areas which require watering more than once per week



Based on the USDA Plant Hardiness Zone Map
 USDA/ARS Publication Number 1475
 Graphics and rendering by Christine MacAlpine and Dan Lineberger
 July, 1999

White Avens

Geum canadense

- **Foliage:** Rosette growth habit, lobed leaves, distinct white veins on the upper leaf surfaces, and a purplish cast on the lower leaf surfaces
- **Flowers:** White
- **Approx. Height:** 1'
- **Approx. Width:** 1'
- **Sun/Drainage Requirements:** Shade to partial shade; well drained soil
- **Hardiness Zone:** 4-8
- **Water:** Medium
- Extremely drought tolerant groundcover for shady areas. Green foliage in winter



Purpleleaf Euonymus

Euonymus fortunei 'Colorata'

- **Foliage:** Glossy, medium to dark green leaves; red-purple-bronzed fall color, finely serrated to crenate on the margins, semi-evergreen
- **Approx. Height:** 1.5'
- **Approx. Width:** 1'
- **Sun/Drainage Requirements:** Full sun to partial shade; moist, well-drained soil
- **Hardiness Zone:** 4-8
- **Water:** Medium-High
- Dense, vigorous trailing ground cover



Frog Fruit

Lippia nodiflora

- **Foliage:** Green to blue-green, jagged margin
- **Flowers:** Small, white, bloom in summer
- **Approx. Height:** 0.5'
- **Approx. Width:** 1'
- **Sun/Drainage Requirements:** Full sun, partial to full shade; moist, well-drained soil
- **Hardiness Zone:** 8-11
- **Water:** Low-Medium
- Tough as a boot and extremely drought tolerant, good between stepping stones, can be used as lawn replacement



Horseherb

Calyptracarpus vialis

- **Flowers:** Small yellow flowers
- **Flowering Period:** April-Oct
- **Foliage:** Deciduous, oval toothed leaves
- **Approx. Height:** 0.5'
- **Approx. Width:** 1'
- **Sun/Drainage Requirements:** Partial to full shade; well-drained soil
- **Hardiness Zones:** 7-10
- **Water:** Low
- Great for shady, dry spots, good for ground cover, will tolerate foot traffic, mow occasionally to revitalize



Ground Ivy

Glechoma hederacea

- **Foliage:** Small, green, heart-shaped leaves with white marbling on trailing stems
- **Flowers:** Dark purple
- **Flowering Period:** May-June
- **Approx. Height:** 0.5'
- **Approx. Width:** 1'
- **Sun/Drainage Requirements:** Partial to full shade
- **Hardiness Zone:** 5-9
- **Water:** Medium
- Variegated green/white leaf variety is also available, excellent for shady areas



Asiatic Jasmine

Trachelospermum asiaticum

- **Foliage:** Evergreen, slender stems form dense tangled mats when grown as ground cover, small leathery leaves are glossy deep green and arranged in opposite pairs
- **Approx. Height:** 1.5'
- **Approx. Width:** 1.5'
- **Sun/Drainage Requirements:** Full sun to partial shade; well-drained soil
- **Hardiness Zone:** 7-9
- **Water:** Medium
- Needs supplemental water in droughts



Liriope or Lily Turf

Liriope muscari

- **Foliage:** Attractive, narrow dark green or gray, grass-like clumps
- **Flowers:** Spike-like clusters of dark purple flowers
- **Flowering Period:** May-Aug
- **Approx. Height:** 1.5'
- **Approx. Width:** 2'
- **Sun/Drainage Requirements:** Full sun, partial to full shade; well-drained soil
- **Hardiness Zone:** 6-9
- **Water:** Low
- Drought tolerant, aggressive grower



Mondo Grass or Monkey Grass

Ophiopogon japonicus

- **Foliage:** Dark green grass like leaves
- **Flowers:** Light lilac to white flowers in summer, blue glove-shaped fruit
- **Flowering Period:** June-July
- **Approx. Height:** 0.5' -1'
- **Approx. Width:** 1'
- **Sun/Drainage Requirements:** Partial to full shade; well-drained soil
- **Hardiness Zone:** 6-9
- **Water:** Medium
- Mow or shear in late winter. A dwarf variety is available (3"-4" tall), clumping grasslike plant, makes great edging



Pigeonberry

Rivina humilis

- **Foliage:** Green, wavy on the edges, semi-evergreen
- **Flowers:** Tiny pink-and-white flowers and red berries
- **Flowering Period:** April-Oct
- **Approx. Height:** 1.5'
- **Approx. Width:** 2'
- **Sun/Drainage Requirements:** Partial to full shade; moist, well-drained soil
- **Hardiness Zone:** 7-10
- **Water:** Medium-High
- Excellent for shade, great for wildlife, usually forms small, showy colonies, grows quickly in warm weather



Hardy Plumbago

Ceratostigma plumbaginoides

- **Flowers:** 2" clusters of 0.5" electric, bright blue flowers
- **Flowering Period:** May-Oct
- **Foliage:** Deciduous, edges are red ringed with short stiff hairs; foliage tints maroon in fall
- **Approx. Height:** 1'
- **Approx. Width:** 1'
- **Sun/Drainage Requirements:** Full shade, partial shade, full sun; well-drained soil
- **Hardiness Zones:** 6-9
- **Water:** Medium
- Good for ground cover, blooms best with some direct light, attracts butterflies and hummingbirds



Santolina

Santolina spp.

- **Foliage:** Soft, aromatic, finely toothed edges, may be dark to medium to light, bright green, silver-gray feathery foliage gives the santolina plant a hazy appearance
- **Flowers:** Yellow button flowers
- **Flowering Period:** June-July
- **Approx. Height:** 1.5'
- **Approx. Width:** 2'
- **Sun/Drainage Requirements:** Full sun; well-drained soil
- **Hardiness Zone:** 6-9
- **Water:** Low-Medium
- Used for its attractive foliage. Gray and green selections are equally drought tolerant



Snake Herb

Dyschoriste linearis

- **Foliage:** Narrow, rigid, fringed edges, light to medium dark green
- **Flowers:** Small lavender-purple, petunia-like
- **Flowering Period:** April-July
- **Approx. Height:** 0.5'
- **Approx. Width:** 1'
- **Sun/Drainage Requirements:** Full sun; moist, well-drained soil
- **Hardiness Zone:** 7-9
- **Water:** Medium
- Does well in variety of soils, offers good cover in shaded area, attracts butterflies



Sweet Potato Vine

Ipomea batatas 'Black Heart'

- **Foliage:** Heart-shaped foliage runs from green to deep purple; trailing or climbing habit
- **Flowers:** Inconspicuous violet flowers
- **Flowering Period:** Summer
- **Approx. Height:** 8-12"
- **Approx. Width:** 5-6'
- **Sun/Drainage Requirements:** Full sun to part shade; moist well-drained soils
- **Hardiness Zones:** 9-11
- **Water:** Medium
- Vigorous grower



Wood Violet

Viola spp.

- **Foliage:** Dull dark green above, light green below
- **Flowers:** Range in color from purple, lilac, and white
- **Flowering Period:** Feb-May
- **Approx. Height:** 0.5'
- **Approx. Width:** 1'
- **Sun/Drainage Requirements:**
Partial to full shade; moist, well-drained soil
- **Hardiness Zone:** 3-9
- **Water:** Low-Medium
- Violets go dormant in summer and green up again in the fall and winter, attracts butterflies

